

ABSTRACT OF THE DISCLOSURE

A liquid crystal display, in accordance with the present invention, includes a first substrate having a thin film transistor and a first electrode formed thereon. The first electrode is electrically connected to the thin film transistor. A first insulating layer is formed on the first substrate including the thin film transistor and the first electrode and a window is formed in the first insulating layer, the window exposing a predetermined region of the first electrode. A second electrode is provided on the first insulating layer and electrically connected to the first electrode. A second substrate includes a third electrode formed thereon. A first gap is formed between a surface of the third electrode and a surface of the predetermined region of the first electrode, and a second gap is formed between the surface of the third electrode and a surface of the second electrode. A liquid crystal layer is interposed between the first gap and the second gap. Other embodiments are included as well as methods for forming the liquid crystal display of the present invention.